MRC | Epidemiology Unit

8. Exporting Files to CSV format

In order for the Java software to read data, files must be in comma-separated values .txt format. This SOP describes how the raw data can be exported and files can be converted to this format.

NOTE: If non-UK user: in order to be compatible with Java software, when exporting files, the regional and language settings must be: English (United Kingdom) (Time: hh:mm:ss, Short Date: dd/mm/yyyy) To chance these, go to Control Panel, Regional and Language Settings. Swap these back to desired setting following export!
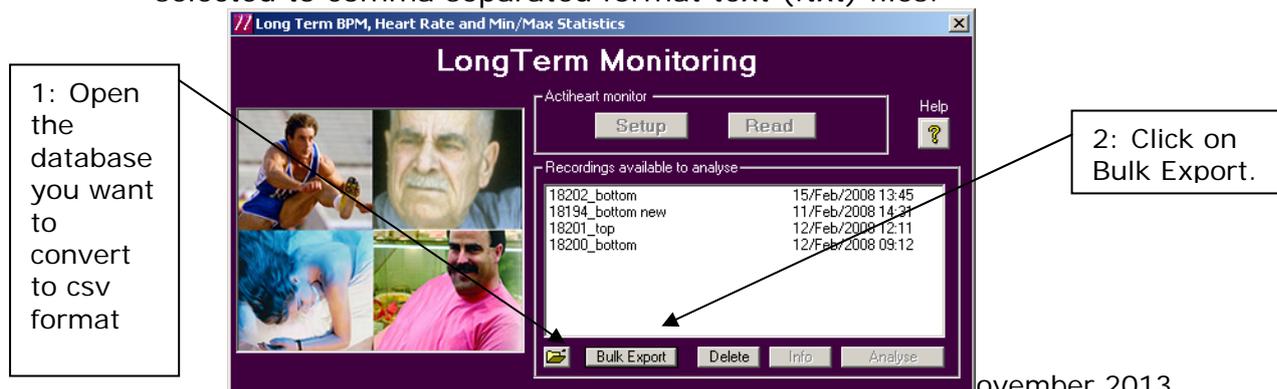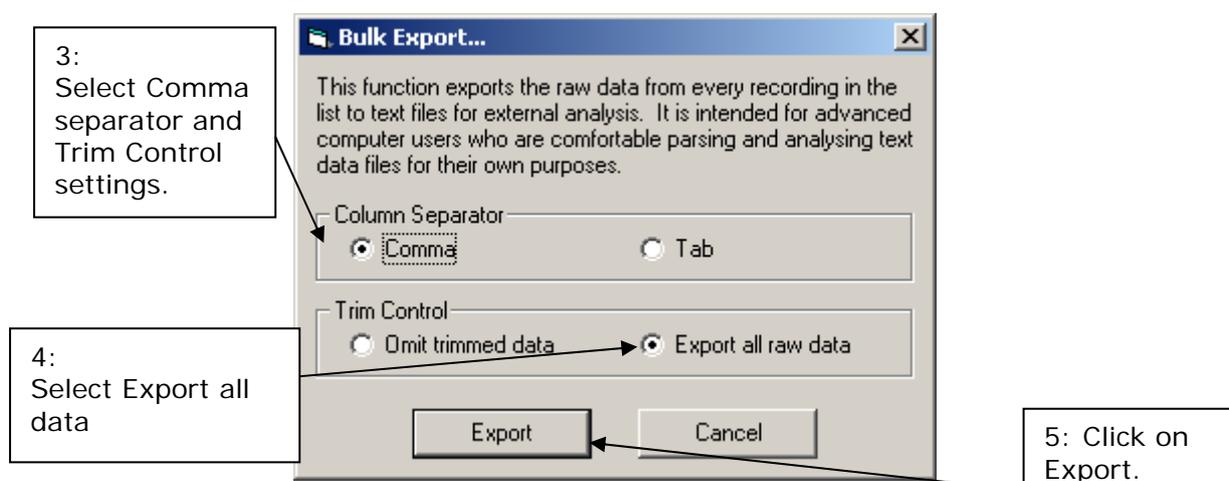
8.1. Batch Converting Actiheart files:

- Ensure all pre-processing steps (refer to relevant pre-processing steps) have been carried out. The data is in a cleaned database & you are working from the final version.

- Open the Actiheart software. Ensure you are using the correct version of AH software for exporting files. Changes in exported data formats between software versions, may mean files are not compatible with Java software if exported from an old version.

  IMPORTANT:
  For Exporting free-living files: must use VERSION 4.0.54 or later

- On CamNtech Software use the yellow folder icon to locate the database containing the files you wish to convert to .csv.

- Select the type of recording you wish to convert-Short Term, Long Term or Waveform Recordings.

- Click on the Bulk Export button and select export format as **comma separated**.

- Select the Trim control setting you require (Export all raw data or Omit trimmed data beyond the trim mask). Select "**Export all Raw data**".

- Click Export. This will convert ALL the type of files you have selected to comma separated format text (.txt) files.

1: Open the database you want to convert to csv format

2: Click on Bulk Export.

Long Term BPM, Heart Rate and Min/Max Statistics

LongTerm Monitoring

Actiheart monitor
Setup   Read

Help
?

Recordings available to analyse

18202_bottom	15/Feb/2008 13:45
18194_bottom new	11/Feb/2008 14:31
18201_top	12/Feb/2008 12:11
18200_bottom	12/Feb/2008 09:12

Bulk Export   Delete   Info   Analyse

ovember 2013

- 3: Select Comma separator and Trim Control settings.

- 4: Select Export all data

- 5: Click on Export.

- The conversion process may take some time - DO NOT use the computer to do anything else while this is happening as it may crash the process.
- A pop up will indicate when the process is complete and where the new .csv files are located-in the folder with your original database.

- The data will be within a folder labelled 'CSVfiles', in 'Long Term', 'Short term' or 'StepTest' and will appear as text files.
- To load these into the GPR software, see the 'Loading' SOP

8.2. Converting a single file

- If you wish to convert just one file, highlight the file to convert, click on the info button. Select comma delimited and select where the file will be exported to using the Save As button. File name will automatically appear, click save and file will be exported.

NB: If exporting single files which have a pre-trim, Actiheart will automatically omit trimmed data. This will mean the 1st time point in the txt file will not match file start time and therefore the Java software will shift all data to the start time of file. If exporting as a single file, pre-trims MUST BE REMOVED.